

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re:	Patent Application of <i>Valter Maddalon</i>	: Group Art Unit: 3724
Conf. No.:	2377	:
Appln. No.:	09/298,726	: Examiner: C. Dexter
Filed:	April 23, 1999	:
For:	AUTOMATIC DEVICE FOR FINISHING AND CUTTING MULTIPLE OR SINGLE IMAGES ON PAPER AND OTHER GRAPHIC AND PHOTOGRAPHIC SUBSTRATES IN REEL OR SINGLE SHEETS	: Attorney Docket No. 6023-71 (MI/X13033)

PROPOSED AMENDMENT

1. (Four Times Amended) An automatic device for trimming and cutting at right angles paper and other graphic and photographic substrates (1) with a series of images (10) printed thereon and marked by boundary marks (M) having a feature comprising a preset sequence of white and black lines extending at least along a whole edge of each of said images (10) oriented at right angles to a feed direction of the substrate, the automatic device comprising:

at least a pair of rollers (2) without any guide or reference for feeding the substrate;

a first motor (3) driving the pair of rollers;

a cutting assembly (7) spaced apart from the pair of rollers, the cutting assembly having a cutting width;

a second motor (9) driving the cutting assembly to cut;

a third motor (5) pivoting one of the cutting assembly and the pair of rollers from time to time to align said cutting assembly (7) and one of said boundary marks (M);

a reading system having first and second spaced apart optical sensors (4, 4')